

## § 111.01-1

- 111.97-5 Electric and hydraulic power supply.
- 111.97-7 Distribution.
- 111.97-9 Overcurrent protection.

### Subpart 111.99—Fire Door Holding and Release Systems

- 111.99-1 Applicability.
- 111.99-3 Definitions.
- 111.99-5 General.

### Subpart 111.101—Submersible Motor-Driven Bilge Pumps

- 111.101-1 Applicability.
- 111.101-3 General requirements.

### Subpart 111.103—Remote Stopping Systems

- 111.103-1 Power ventilation systems except machinery space ventilation systems.
- 111.103-3 Machinery space ventilation.
- 111.103-7 Ventilation stop stations.
- 111.103-9 Machinery stop stations.

### Subpart 111.105—Hazardous Locations

- 111.105-1 Applicability.
- 111.105-3 General requirements.
- 111.105-5 System integrity.
- 111.105-7 Approved equipment.
- 111.105-9 Explosionproof and flameproof equipment.
- 111.105-11 Intrinsically safe systems.
- 111.105-15 Additional methods of protection.
- 111.105-17 Wiring methods for hazardous locations.
- 111.105-19 Switches.
- 111.105-21 Ventilation.
- 111.105-27 Belt drives.
- 111.105-29 Combustible liquid cargo carriers.
- 111.105-31 Flammable or combustible cargo with a flashpoint below 60 degrees C (140 degrees F), liquid sulphur carriers and inorganic acid carriers.
- 111.105-32 Bulk liquefied flammable gas and ammonia carriers.
- 111.105-33 Mobile offshore drilling units.
- 111.105-35 Vessels carrying coal.
- 111.105-37 Flammable anesthetics.
- 111.105-39 Additional requirements for vessels carrying vehicles with fuel in their tanks.
- 111.105-40 Additional requirements for RO/RO vessels.
- 111.105-41 Battery rooms.
- 111.105-43 Paint stowage or mixing spaces.
- 111.105-45 Vessels carrying agricultural products.

### Subpart 111.107—Industrial Systems

- 111.107-1 Industrial systems.

AUTHORITY: 46 U.S.C. 3306, 3703; 49 CFR 1.46.

## 46 CFR Ch. I (10-1-98 Edition)

SOURCE: CGD 74-125A, 47 FR 15236, Apr. 8, 1982, unless otherwise noted.

### Subpart 111.01—General

#### § 111.01-1 General.

(a) Electric installations on vessels must ensure:

(1) Maintenance of services necessary for safety under normal and emergency conditions.

(2) Protection of passengers, crew, other persons, and the vessel from electrical hazards.

(3) Maintenance of system integrity through compliance with the applicable system requirements (IEEE, NEC, IEC, etc.) to which plan review has been approved.

(b) Combustible material should be avoided in the construction of electrical equipment.

[CGD 74-125A, 47 FR 15236, Apr. 8, 1982, as amended by CGD 94-108, 61 FR 28275, June 4, 1996; 62 FR 23907, May 1, 1997]

#### § 111.01-3 Placement of equipment.

(a) Electric equipment must be arranged, as far as practicable, to prevent mechanical damage to the equipment from the accumulation of dust, oil vapors, steam, or dripping liquids.

(b) Apparatus that may arc must be ventilated or be in ventilated compartments in which flammable gases, acid fumes, and oil vapors cannot accumulate. Skylights and ventilators must be arranged to prevent flooding of the apparatus.

#### § 111.01-5 Protection from bilge water.

Each of the following in or around the bilge area must be arranged or constructed so that it cannot be damaged by bilge water:

- (a) Generators.
- (b) Motors.
- (c) Electric coupling.
- (d) Electric cable.

[CGD 94-108, 61 FR 28275, June 4, 1996]

#### § 111.01-7 Accessibility and spacing.

(a) The design and arrangement of electric apparatus must afford accessibility to each part as needed to facilitate proper inspection, adjustment, maintenance, or replacement.